

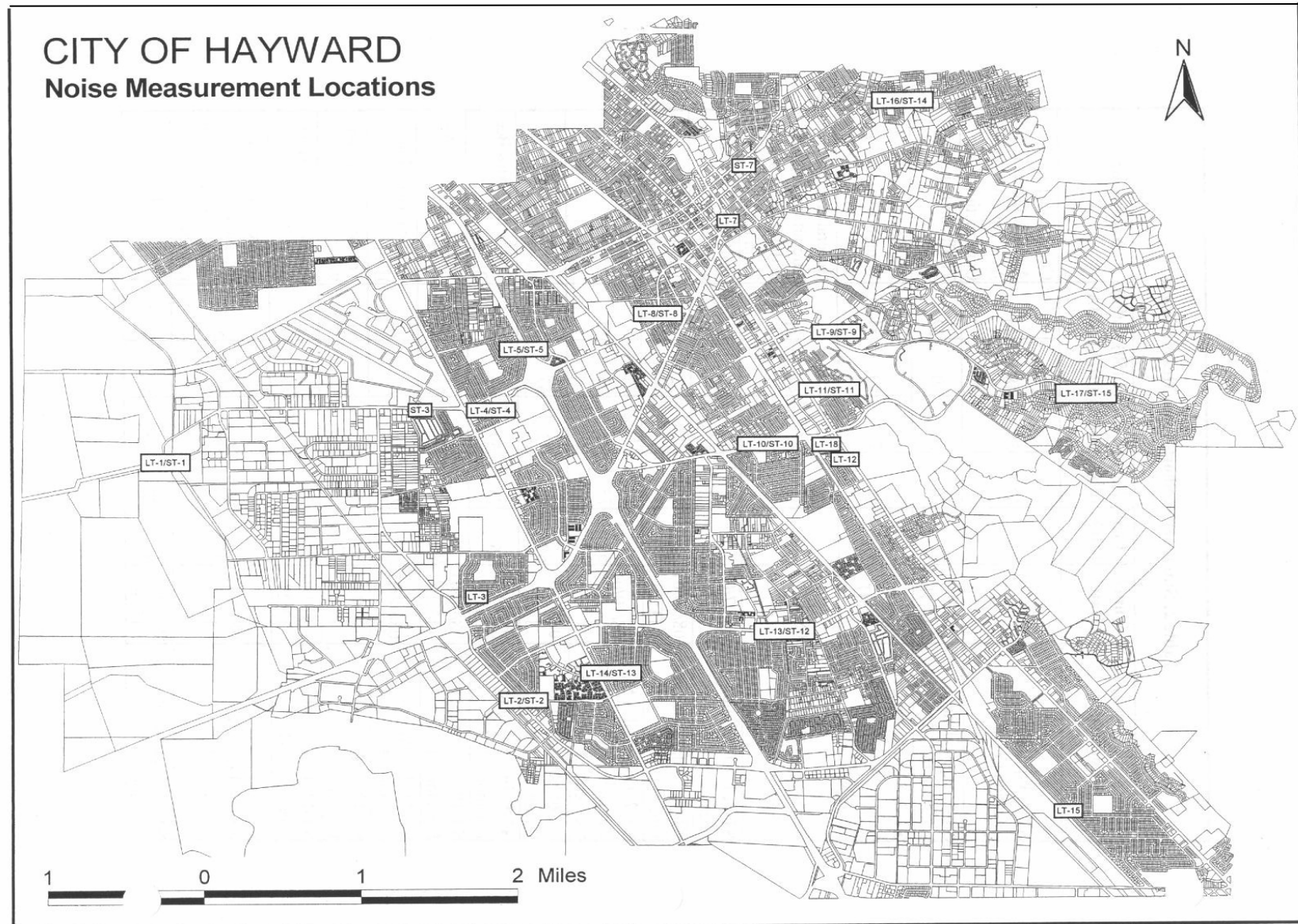
## Appendix M

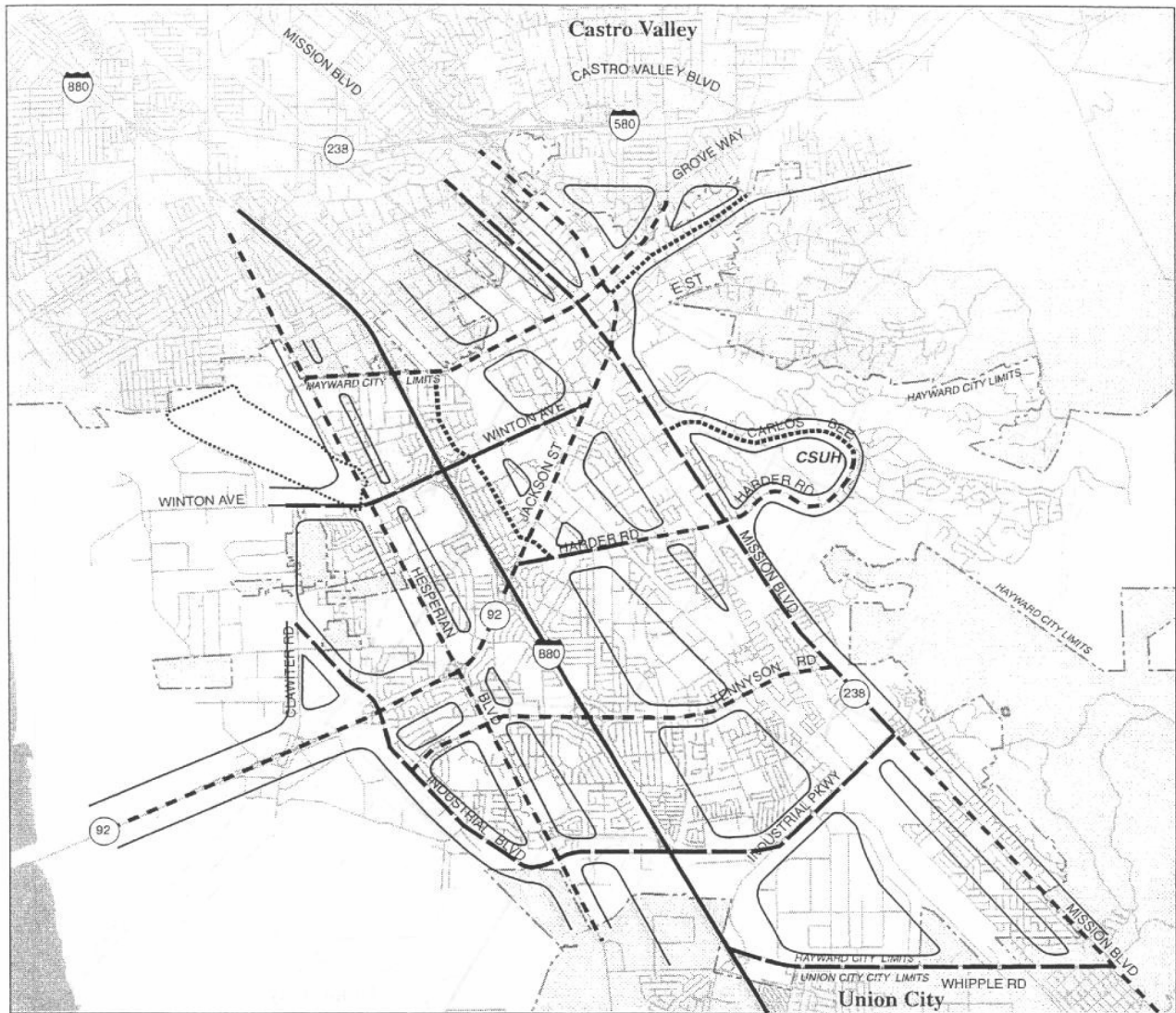
### Noise Measurement Survey Results and Contour Maps

<b>Table 1: Summary of Long Term Measurements</b>		
<b>Measurement Locations</b>	<b>Ldn</b>	<b>Noise Sources</b>
<b>LT-1:</b> In Eucalyptus Tree in Hayward Regional Shoreline Park.	<b>58</b>	Commercial Jet Aircraft, General Aviation, and Distant Construction.
<b>LT-2:</b> Rear Yard of #27491 Capri Ave. 70 ft. From the Center Line of Industrial Blvd.	<b>67</b>	Traffic on Industrial Blvd.
<b>LT-3:</b> Rear Yard of #2532 Cryer Rd. Behind 14 ft. Soundwall Along State Route 92.	<b>69</b>	Traffic on State Route 92
<b>LT-4:</b> Corner of Neil Dr. and Wright Dr.	<b>61</b>	General Aviation Aircraft Associated with the Hayward Air Terminal, Local Traffic
<b>LT-5:</b> Near Highway 880 in Sequoia Ct. 93 ft. Behind ~16 ft. Soundwall.	<b>65</b>	Traffic on Highway 880
<b>LT-6:</b> Gary Dr. at the Mesa Verde Apartments (North Gate) Overlooking Highway 580.	<b>76</b>	Traffic on Highway 580, Local Traffic
<b>LT-7:</b> Corner of First Street and D Street; 51 ft. to the Center Line of D Street.	<b>67</b>	Traffic on D Street, Other Local Traffic
<b>LT-8:</b> 72 ft. from the Center Line of Winton Ave. Just East of Magna Ave.	<b>70</b>	Traffic on Winton Ave.
<b>LT-9:</b> 63 ft. From the Center Line of Carlos Bee Blvd. At Overlook Ave.	<b>68</b>	Traffic on Carlos Bee Blvd.
<b>LT-10:</b> 100 ft. From the Center Line of Harder Rd. at Donald Ave. In Front of # 25778 Donald Ave.	<b>64</b>	Traffic on Harder Rd.
<b>LT-11:</b> 75 ft. From the Center Line of Mission Blvd at the Corner of Torrano Ave.	<b>72</b>	Traffic on Mission Blvd.
<b>LT-12:</b> Between # 26653 and # 26659 Luvena Dr.(BART)	<b>61</b>	BART Trains, Local Traffic

<b>LT-13:</b> In Front of # 27733 Dickens Rd. 84 ft. From the Center Line of Tennyson Rd.	<b>69</b>	Traffic on Tennyson Rd.
<b>LT-14:</b> 90 ft. From the Center Line of Hesperian Blvd. at the Corner of Oliver Dr.	<b>72</b>	Traffic on Hesperian Blvd.
<b>LT-15:</b> End of Gresel St. Setback With the Rear Yards of Residences Along Carroll Ave.	<b>70</b>	Freight Trains, Distant BART
<b>LT-16:</b> Corner of Kelly St. and Wildwood St.	<b>73</b>	Traffic on Kelly St. (Measured at edge of Travel Lane, See Spot Measurement Data)
<b>LT-17:</b> 81 ft. From the Center Line of Hayward Blvd. In College Heights Park.	<b>65</b>	Traffic on Hayward Blvd.
<b>LT-18:</b> In Haymont Park at the Setback of Rear Yards of Residences Along Luvena Dr. Approx. 45 ft. From the BART Rail.	<b>76</b>	BART

Table 2: Summary of Short-Term Measurements							
Location	Time/ Date	Leq (dBA)	L(1) (dBA)	L(10) (dBA)	L(50) (dBA)	L(90) (dBA)	Noise Source
ST-1: Equivalent Location to LT-1	08/07/01 13:35	53	62	58	48	46	Commercial Jet Aircraft, General Aviation, and Distant Construction.
ST-2: Equivalent Location to LT-2	08/09/01 14:18	62	70	65	60	52	Traffic on Industrial Blvd.
ST-3: 81 ft. to the Center Line of West Winton Ave. At # 1200.	08/09/01 13:41	71	78	74	70	64	Traffic on West Winton Ave.
ST-4: Equivalent to Location LT-4.	08/07/01 12:50	60	71	61	55	51	General Aviation Aircraft Associated with the Hayward Air Terminal
ST-5: Equivalent to Location LT-5.	08/07/01 12:50	57	61	59	57	55	Traffic on Highway 880.
ST-6: 75 ft. to the Center Line of A St.	08/10/01 11:20	65	73	67	63	59	Traffic on A St., Distant Idling Truck
ST-7: Corner of A St. and Dole Way, 75 ft. to the Center Line of A St.	08/10/01 11:43	65	73	68	63	53	Traffic on A St.
ST-8: Equivalent to Location LT-8.	08/07/01 15:15	69	78	72	67	58	Traffic on Winton Ave.
ST-9: Equivalent to Location LT-9.	08/08/01 14:30	66	73	69	63	52	Traffic on Carlos Bee Blvd.
ST-10: Equivalent to Location LT-10.	08/08/01 13:10	63	71	67	61	51	Traffic on Harder Rd.
ST-11: Equivalent to Location LT-11.	08/08/01	69	77	71	68	63	Traffic on Mission Blvd.
ST-12: Equivalent to Location LT-13.	08/10/01 13:00	64	72	67	62	56	Traffic on Tennyson Rd.
ST-13: Equivalent to Location LT-14.	08/10/01 13:27	70	78	74	67	57	Traffic on Hesperian Blvd.
ST-14: Equivalent to Location LT-16.	08/10/01 12:15	65	72	69	63	54	Traffic on Kelly St. (Measured at the Setback of Homes on Kelly St.
ST-15: Equivalent to Location LT-17.	08/09/01 15:08	65	78	69	56	45	Traffic on Hayward Blvd.





#### CONTOURS

- 60 dBA Ldn, Road and Rail
- ..... 65 dBA Ldn, Hayward Executive Airport

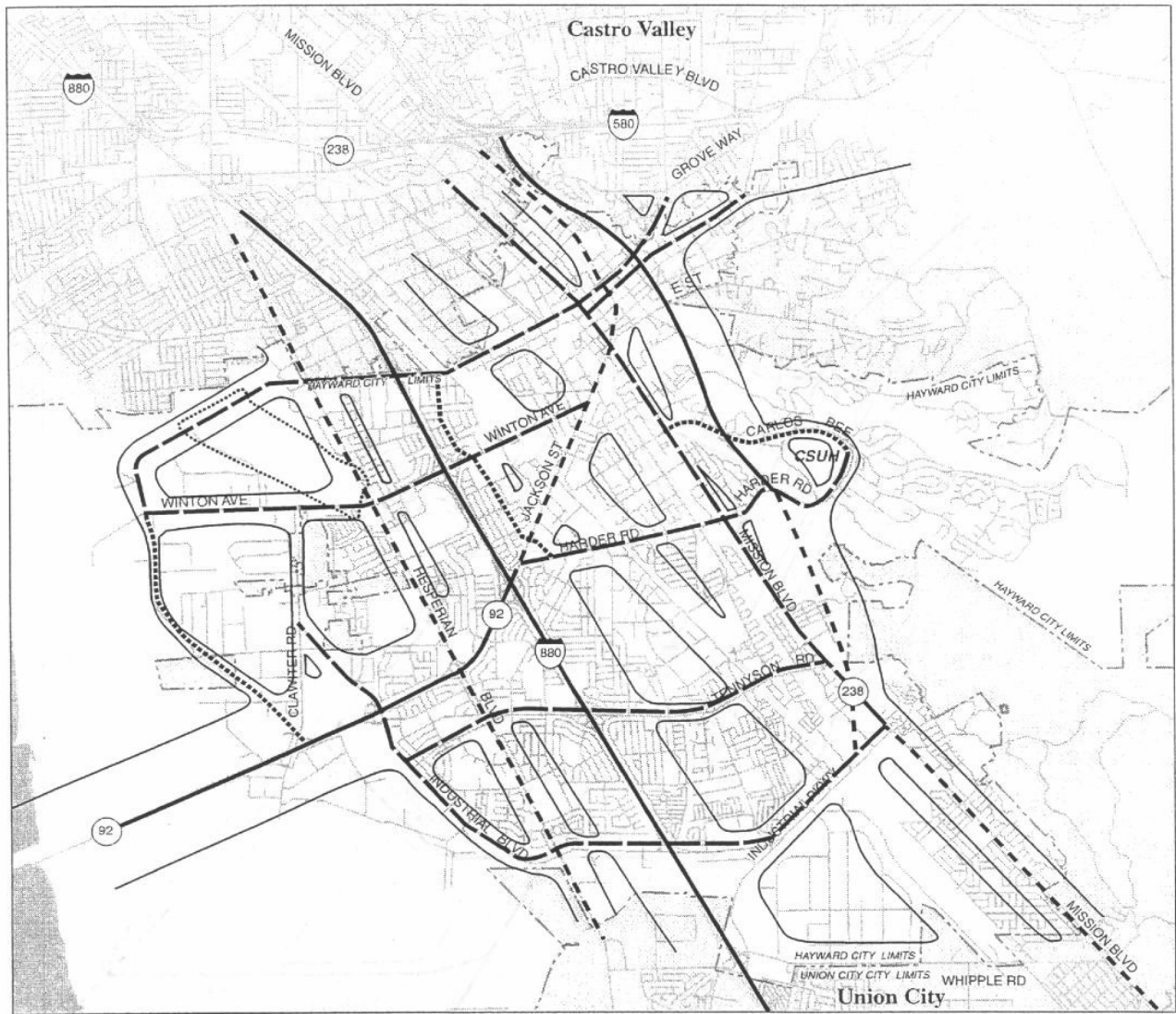
#### ROADWAY CODING

Ldn at 50 feet from Roadway

- ..... 65 to 69 dBA
- 70 to 74 dBA
- - - 75 to 79 dBA
- 80 dBA and above

Existing Noise Contours

SOURCE: Illingworth and Rodkin, Inc.



CONTOURS

- 60 dBA Ldn, Road and Rail
- ..... 65 dBA Ldn, Hayward Executive Airport

ROADWAY CODING

Ldn at 50 feet from Roadway

- ..... 65 to 69 dBA
- 70 to 74 dBA
- - - 75 to 79 dBA
- 80 dBA and above



Future Noise Contours

SOURCE: Illingworth and Rodkin, Inc.